CLAIMS

What is claimed is:

1. A refrigerator comprising:

an ice cube tray;

a water supply unit for supplying water for making ice cubes to the ice cube tray;

an air blast unit for circulating cooled air; and

a controller for preventing the operation of the air blast unit in a water supply mode, in which the water is supplied to the ice cube tray.

2. The refrigerator according to claim 1, wherein the water supply mode includes a water supply stage, in which the water is supplied to the ice cube tray, and a standby stage, in which the water is held in the ice cube tray for a designated time after the water supply is completed so that the temperature of the supplied water is lowered to a designated temperature.

3. The refrigerator according to claim 2, wherein the controller determines whether or not the air blast unit is on at a point of time of starting the water supply, and turns off the air blast unit in case that it is determined that the air blast unit is on.

4. The refrigerator according to claim 3, wherein the controller determines whether or not the water supply is completed after turning off of the air blast unit, and leaves the air blast unit off at the standby stage in case that it is determined that the water supply is completed.

5. The refrigerator according to claim 2, wherein the controller determines whether or not the water supply is completed in the water supply mode, determines

whether or not the air blast unit is on in case that it is determined that the water supply is completed, turns off the air blast unit in case that it is determined that the air blast unit is on, and leaves the air blast unit off in the standby stage.

6. A refrigerator comprising:

a freezing chamber;

an ice cube tray positioned in the freezing chamber;

a water supply unit for supplying water for making ice cubes to the ice cube tray;

an air blast unit for circulating air cooled by a heat exchanger to supply the cooled air to the ice cube tray; and

a controller for preventing the operation of the air blast unit so that vapor generated from the water supplied to the ice cube tray by the cooled air supplied from the air blast unit is not frozen.

7. The refrigerator according to claim 6, wherein the controller prevents the air blast unit from being operated in a water supply mode, in which the water is supplied to the ice cube tray.

8. A control method of a refrigerator having an ice cube tray, a water supply unit for supplying water for making ice cubes to the ice cube tray, and an air blast unit for supplying air cooled by a heat exchanger to the ice cube tray, comprising the steps of:

(a) determining whether or not the refrigerator is operated in an ice-making mode;

(b) in case that it is determined that the refrigerator is operated in the ice-making mode, determining whether or not the refrigerator is in a water supply mode, in which the water is supplied to the ice cube tray;

(c) in case that it is determined that the refrigerator is in the water supply mode, determining whether or not the air blast unit is on; and

(d) in case that it is determined that the air blast unit is on, turning the air blast unit off.

9. The control method according to claim 8, further comprising the steps of:

(e) determining whether or not the water supply is completed after the air blast unit is turned off; and

(f) in case that it is determined that the water supply is completed, leaving the air blast unit off for a designated time after the water supply is completed.

10. The control method according to claim 9, further comprising the step of (g) measuring the temperature of the freezing chamber after the designated time elapses, and determining whether or not the air blast unit is operated based on the measured temperature of the freezing chamber.